

## MODIFIED RETINOID COMPOUNDS AND THEIR USES

### ABSTRACT

A method of minimizing or reducing the toxicity of a retinoid having a free  
5 carboxyl group and the resulting modified retinoids are described. The method  
comprises the step of esterifying the carboxyl group of the retinoid with a highly  
sterically hindered compound, which is preferably a secondary or tertiary alcohol.  
The resulting retinoid esters are rendered much less toxic than the starting or parent  
retinoid. This process provides a retinoid ester analog of reduced toxicity so that it  
10 may be administered orally with minimal side effects and with a much greater  
therapeutic window. The modified retinoid compounds are useful in the treatment  
and prophylaxis of all diseases and disorders where retinoid compounds have been  
shown effective.